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ABSTRACT

This booklet provides brief descriptions of cooperative arrangements between community colleges and local businesses, industries, and labor unions established to meet employee needs for training. Following an introduction which notes the importance of such arrangements, partnerships involving 38 community colleges in 23 states are described. Industries associated with these programs include manufacturing, insurance, data services, defense, electronics, optical fabrication, construction, furniture, and textile industries. Programs are also described which offer services to hospitals; local, state, and federal agencies; and power and telephone companies. The types of training provided through these programs include college courses at industry sites, apprenticeship programs, pre-employment training, management training, courses in teaching techniques for company instructional personnel, worker retraining after layoffs, and skill upgrading. The program descriptions include, with variations, information on the nature of the program; problems to be addressed by the cooperative agreement; types of courses and training provided; the source of instructional staff; the types of learning materials used; the support services available; company contributions in terms of released time for employees, facilities, equipment, and funds; and the name of a contact person for further information. (KL)

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AACJC Pocket Reader: 1

PROVEN PARTNERS: BUSINESS, LABOR, AND COMMUNITY COLLEGES

By Dale Parnell and Roger Yarrington

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American Association of Community and Junior Colleges

Dale Parnell

Dale Parnell is president of the American Association of Community and Junior Colleges which represents a field of 1,200 institutions enrolling 11.4 million persons in credit and non-credit programs. Prior to assuming the presidency of the Association in 1981, Dr. Parnell was president of San Joaquin Delta Community College in California. Previously he was chancellor of the San Diego Community College System. He served earlier as Oregon Superintendent of Public Instruction and as president of Lane Community College in Oregon.

He is an advocate for community colleges with a strong personal and professional interest in vocational education. He is a spokesman for community colleges and to community colleges on the need for strong partnerships with business, industry, and labor.

Roger Yarrington

Roger Yarrington is vice president for research and development at AACJC. He has written and edited a number of articles and monographs on community college cooperation with business and with labor unions. Dr. Yarrington has been a member of the Association staff since 1963. Previously he was managing editor of a publishing house in Missouri.

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Introduction

It is popular wisdom today to say colleges should work more closely with business and labor. That is a sound judgment. We need to strengthen the connection between education and work because we need to use our colleges to help increase skilled manpower for industry, boost productivity, and assist in economic recovery. Colleges have tremendous resources to contribute. So has industry. A partnership fits the needs of citizens and society now.

The American Association of Community and Junior Colleges has urged its member institutions to join in cooperative arrangements with local businesses and labor unions as a way to promote individual and community development. Community colleges have always had strong ties to local business: the trustees are men and women engaged in local business; each occupational curriculum has an advisory committee of local employers and practitioners; more than half of the students are already employed locally; graduates go to work for local firms taxes paid by local businesses help pay for the operations of community colleges.

A few months ago we asked presidents of community colleges to share with us brief

descriptions of how they were cooperating with local business, industry, and unions on employee training needs. A lot of material was sent in — and it is still arriving. The enclosed descriptions are based on the material received.

This "Reader" is a selection of the responses that came in. It is intended to give brief examples of the types of partnerships community colleges are developing every day with local employers.

You will note we have included reference to labor unions in the title of this reader. If the employees to be trained are members of a union, the union should be involved if the partnership is to be fully productive.

There is a wide range of businesses, locations, and size of institutions represented here. The booklet shows the range of possibilities when community colleges and local firms get their heads together on training needs. Much more is being done than is reported here. But this brief description of a few efforts reflects what can be done and is being done.

We appreciate the response of our member institutions in supplying the information we requested. If it appears that this sort of information is useful to the colleges and to businesses, we may issue similar reports in the future with other examples on this topic.

This "pocket reader" is the first in a series the Association will publish on a variety of topics of current interest. All will be brief and inexpensive but timely. We hope the *AACJC Pocket Readers* will be easy for busy administrators and teachers to carry with them and read in the spare moments of a crowded day. Other topics will be covered in forthcoming readers every month or so.

We appreciate the support of the Shell Companies Foundation for the preparation and printing of this publication.

—Dale Parnell
President
American Association of Community and Junior Colleges

—Roger Yarrington
Vice President
Research and Development

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Partnerships

Michigan

Macomb County Community College — General Motors

General Motors announced in 1981 a program to add 60 community colleges to its training network.

James G. Vorhes, GM vice president in charge of the GM consumer relations and service staff, said, "We have turned to the teaching professionals—the community colleges which are so effectively training students in a number of significant vocations — and we have been very satisfied with their response." He added that GM expects to increase the number of dealer technicians receiving training from 90,000 to 180,000 a

year and that the partnership with community colleges "could become the largest and most mutually-productive alliance ever forged between a manufacturer and higher education."

Macomb County Community College in Warren, Michigan, was one of the first selected for the new program.

Community college instructors receive training on the latest GM products. Dealership technicians then are trained at participating community colleges. Instructors from GM present selected courses. GM provides each dealership with a computer inventory of the skills learned by each technician.

Pre-training and post-training tests help identify student needs and to determine how much has been learned.

GM already operates 31 training centers of its own. The Corporation forecasts dealer technician training needs at 180,000 students, twice the number of last year.

To help meet training needs, GM initiated its co-op service training program at Delta College in Michigan several years ago. Now graduates are finishing the Delta program with associate degrees in automotive technology.

Similar programs have been initiated at Brookhaven College in the Dallas district, Triton College in the Chicago area, and other community colleges across the country.

Contact: Edward Lynch
Dean of Occupational Education
Macomb County Community College
14500 Twelve Mile Road
Warren, Michigan 48093
Telephone No. (313-445-7241)

Rhode Island

Community College of Rhode Island — Metropolitan Life

Employees at Metropolitan Life take accounting courses in their own office building immediately after working hours. The courses are offered by Community College of Rhode Island.

The college has similar arrangements with Puritan Life where mid-managers are taking business writing and with WPRI — Channel 12 where employees are taking an introductory course in microcomputers. They are col-

lege credit courses taught in the companies' facilities.

Community College of Rhode Island offers individualized courses to meet the needs of employers and employees in business, industry, and government. College faculty teach the courses in the employer's facilities. Courses are paid for by the company or the employee, depending on the employer's policies.

The college offers a range of credit courses ready to be taken to the employer's site. It also offers to design non-credit courses to meet the specific requirements of an employer.

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Director of Off-Campus Courses for Business, Industry, and Governmental Agencies
Community College of Rhode Island
Flanagan Campus
Louisquisset Pike
Lincoln, Rhode Island 02865
Telephone No. (401-333-7127)

Connecticut

Manchester Community College — Pratt & Whitney Aircraft Group

Pratt & Whitney Aircraft Group, a division of United Technologies, manufactures jet engines. The company contacted Manchester Community College in 1975 for assistance with its apprenticeship program. There were three problems: apprentices were dropping out of the program to go to college; those who stayed in the program and took college courses found duplication in instruction; and the majority of apprentices were not attending college despite an education assistance program at Pratt & Whitney.

The college evaluated the apprentice programs in electronics, sheetmetal, and machine operations. Thirty academic credits were allowed for each of the apprentice programs. And new courses were developed to serve the company and its apprentices. MCC provided on-site courses with twin sections before and after working hours.

In addition to graduating from Pratt and Whitney's apprenticeship program, new apprentices are able to earn an associate degree after successfully completing an additional 30 credits from MCC. More than 225 ap-

prentices have graduated from the combined program.

Ten credit courses and 16 sections are provided by the college each semester at Pratt and Whitney. Support services also are provided on site. Non-credit courses in basic algebra, technical report writing, introduction to data processing and other subjects are offered, too.

The company pays the college to offer the services. Students pay a small fee to the company through payroll deductions. In 1978 a five-year contract was signed by the company and the college.

Contact: Charles A. Plese
Director of College and
Community Relations
Manchester Community College
Manchester, Connecticut 06040
Telephone No. (203-646-4900)

Florida

Hillsborough Community College — GTE Data Services

An employee of GTE wanted to enroll at the college, but with a new baby she could not attend evenings or weekends. The solution was to set up classes at GTE during the lunch hour.

The lunch-hour mini-college at GTE was started in 1980 with one class in accounting. Two courses were offered the next semester when principles of management was added. In the Fall of 1981 three classes were offered with the addition of introduction to data processing. Business law now has been added to the offerings.

Courses offered are for college credit and are used by participants wishing to pursue degrees.

GTE provides classrooms in its downtown building, assigns a liaison officer, and reimburses the tuition of employees who take job-related courses and earn a grade of B or better. It even assigns a parking place to a Hillsborough administrator.

The college provides instructors from among its full-time and part-time faculty. It sends registration forms, books, and class

rolls to the GTE site. Students pay tuition at GTE. The only reason a participant needs to go to the campus is to withdraw, or drop or add a course.

College officials are considering extending the lunch-and-learn program to other downtown businesses, possibly alternating sites among those that participate.

Contact: Alma S. Hires
Director of Community Services
Hillsborough Community College
P.O. Box 30030
Tampa, Florida 33630
Telephone No. (813-879-7222)

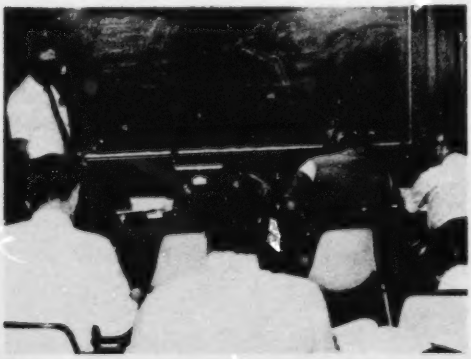
Mississippi

Hinds Junior College — Sperry Vickers

A 25-year partnership between Hinds Junior College and Sperry Vickers Aerospace, Marine and Defense Division of Jackson covers the full range from pre-employment training to in-plant employee training to advisory councils and craft committees.

Pre-employment and employee training programs are operated by the college in the Sperry Vickers facility. There is no charge either to Sperry Vickers or a potential employee for per-employment training. These costs are met by the college and the state as part of the Mississippi industrial services policy. Sperry Vickers has a tuition refund program for employees taking college credit courses. The company also pays the costs of technical courses taken by its employees, as do other participating local industries.

The college offers courses at the plant each semester as part of the employee development program. Sperry Vickers provides four classrooms. Classes are taught by Hinds faculty or Sperry Vickers employees. In the latter case, the employee-instructors receive



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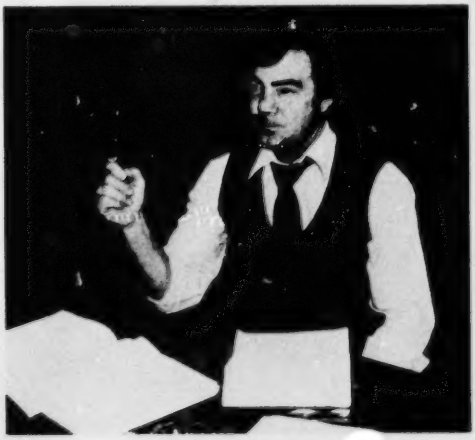
part-time salaries from Hinds. Employees have access in plant to almost a full curriculum.

Sperry Vickers employees serve on advisory and craft committees and were instrumental in developing a supervisory and management technology curriculum.

Contact: Thurman Alley
Coordinator
Industrial Services
Hinds Junior College
Raymond, Mississippi 39154
Telephone No. (601-857-5261)



Schenectady County Community College — Schenectady County

Fifty-two Schenectady County employees have earned certificates of completion in a management training program conducted for the county by Schenectady County Community College.

The county manager has pointed out that the county is the primary provider of services under state and federal mandates and that budget cuts have made efficient management essential if services are to be maintained. The program developed with the college included productivity improvement, interpersonal relations, and fundamentals of supervision.

Funding for the program came from the U.S. Intergovernmental Personnel Act. A retired manager from General Electric served as visiting professor. The syllabus drew on management techniques from business and government. Participants were managers responsible for achieving cost reductions. Courses focused on cost efficient management and productivity improvement.

The county manager predicted substantial savings in the county government through

increased productivity as a result of the program.

Contact: Wright L. Lassiter, Jr.
President
Schenectady County Community College
Washington Avenue
Schenectady, New York 12305
Telephone No. (518-346-6211)

California

College of San Mateo — Ampex

College of San Mateo in California is working on employee training with ten electronics firms in Silicon Valley. The first to join with the college in 1981 was Ampex. Its electronics upgrade program allows employees to learn new job skills and earn college credit.

Self-paced training modules are used by employees in an Ampex study room. The room, in the company's Redwood City plant, is set up with electronics test equipment and a computer link-up to the college. Eighteen Ampex employees in the program spent at

least three hours each week in the study room. Instruction is computer assisted. The college provides an electronics tutor.

Students may earn up to 18 units of credit toward an Associate of Science degree and qualify for possible promotions in the company. Several students wish to take additional courses at the college.

Contact: Lois A. Callahan
President
College of San Mateo
1700 W. Hillsdale Boulevard
San Mateo, California 94402
Telephone No. (415-574-6161)

North Carolina

Central Piedmont Community College — Pennsylvania House

Pennsylvania House, a furniture company, needed a larger plant and more employees to expand its production in North Carolina. It built a new plant south of Charlottee and then sought help from the North Carolina Community College system to train additional employees.

The state offers training assistance through the community colleges to firms establishing new plants or expanding old ones in the state. The Industrial Services Division of the state's community college system and Central Piedmont Community College made available to Pennsylvania House instructors, materials, supplies, and facilities for training additional workers.

Training began in March 1981 for 60 new employees. Seven weeks of instruction were offered in a variety of furniture construction skills. Pennsylvania House employees needed to teach the new workers were given a course in teaching techniques. The company is planning more training with assistance from the state community college system.

Now Central Piedmont is offering courses in machine shop and assembly to new employees of Byron Jackson Plant, Pump Division; and Aplix, Inc., Self-Gripping Fasteners Division, which will open a new

plant in Charlotte in 1982 and eventually employ 330 persons.

In the last 10 years the Industry Services Division of the North Carolina Community College System has provided training for 65,000 persons in new and expanding industries. These classes are conducted by the Continuing Education Division. No credit is given. There is no fee for new industry training. The college pays instruction and materials expenses with funds allotted from the state Industrial Services Division.

Contact: Otto Lockee
Vice President for Continuing Education
Central Piedmont Community College
P.O. Box 35009
Charlotte, North Carolina 28235
Telephone No. (704-373-6717)

Arizona

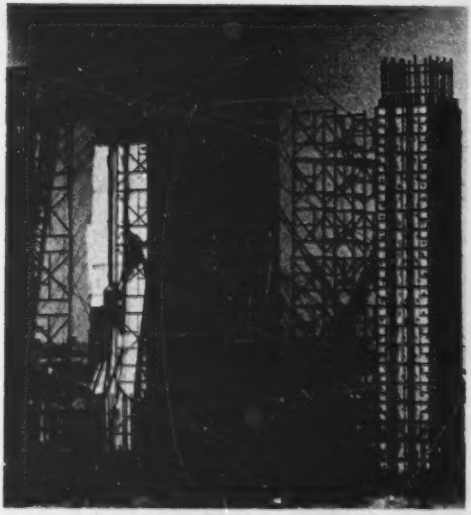
Northland Pioneer College — Brown and Root Construction Company

Tucson Electric is building a power plant at Springerville, Arizona. Brown and Root Construction Company holds the master contract. Prior to breaking ground, skill training began through an arrangement worked out by Brown and Root officials and representatives of Northland Pioneer College.

Welding classes were held first, to prepare welder trainees, journeymen, and master welders for initial phases of construction. Then came rigging, safety, blue print reading. As construction moves through each phase, training will be provided: classes in concrete applications prior to concrete work; carpentry classes prior to wood construction. The same with pipe fitting and other construction skills.

Trainees work ten hours, four days a week, and attend training programs eight hours a day on Fridays and Saturdays. Instructors are Brown and Root supervisors who have been evaluated and certified by the state. They become part-time faculty of the

college. Brown and Root provides facilities and equipment.



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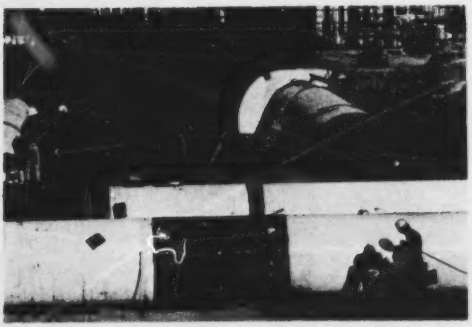
College credit is given for each course. Students pay registration fees and receive reimbursement from Brown and Root for each course successfully completed.

Training modules were developed by the company with specific competencies to be learned in each course. Completion of a course makes a trainee eligible for higher-paying positions as they become available.

By Fall 1981, 320 workers had been trained and 128 were in training.

Contact: Ronald E. Glenn
Director of Vocational Education
Northland Pioneer College
1200 East Hermosa Drive
Holbrook, Arizona 86025
Telephone No. (602-536-7871)



North Lake College — Texas Instruments

Texas Instruments needed 150 industrial optic workers for their optical fabrication department. In the past they had hired ophthalmic opticians or non-experienced optical workers.

North Lake College in the Dallas Community College District was contacted and agreed to train the needed workers within one year. Texas Instruments provided equipment and instructors. The college provided facilities and the educational program.

Students in the program pay their own expenses and are eligible for a tuition refund when they complete the training. They are paid by Texas Instruments while they are in training and receive automatic pay increases as they progress.

Classes run eight hours a day for ten weeks. Participants earn college credit as well as employment skills.

Contact: Grady Grizzle
North Lake College
2000 Walnut Hill Lane
Irving, Texas 75062
Telephone No. (214-659-5320)

Missouri

St. Louis Community College — Regional Commerce and Growth Association

The Regional Commerce and Growth Association used a U.S. Department of Labor grant to contract with St. Louis Community College District to operate the Metropolitan Re-employment Project. Other agencies, such as labor unions and the state employment services of Missouri and Illinois, cooperated.

The program called for 1,000 persons who have lost jobs in St. Louis to receive assistance in finding new jobs. Services provided by the college included testing, career counseling, job search and interviewing workshops, and interview referrals from a computerized list of openings. More than 25 per cent of the persons served found new jobs. Others entered retraining programs.

The program, designed in consultation with the New Spirit of St. Louis Labor/Management Committee and the Private Industry Council, has wide support from employers in the city. Persons served were

referred by previous employers, unions, or social service agencies.

Civic Progress, an organization composed of the chief executive officers of the largest corporations in St. Louis, has agreed to fund the project for its second year.

Contact: Michael Maguire
Director
Metropolitan Re-Employment Project
5600 Oakland Avenue
St. Louis, Missouri 63110
Telephone No. (314-644-9550)

New Jersey

Mercer County Community College — Delaware River Joint Toll Bridge Commission

Delaware River Joint Toll Bridge Commission operates 30 bridges. In the Fall of 1980 the commission requested proposals from several agencies for management training. Mercer County Community College responded through its Center for External Programs and Services and its proposal was selected.

The college offered a three-day program of management techniques, communications, and performance appraisal at a conference center in the Pocono Mountains of Pennsylvania. MCCC faculty and a consultant provided the training that ran 7½ hours per day. The workshop was rated very good to excellent by 97 per cent of the trainees. Participants identified two areas for additional training: evaluation and communications.

A second workshop on performance appraisal was conducted by the college for the commission in early 1982 at the commission's meeting center in New Hope, Pennsylvania. The commission funded both workshops. This workshop was offered on a non-credit basis. Credit courses are frequently provided to business and industry as part of the center's contracted training and development program.

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Trenton, New Jersey 08690
Telephone No. (609-586-4800)

Pitt Community College -- Pitt County Memorial Hospital

Pitt County Memorial Hospital is one of 118 employers working with Pitt Community College in Greenville, North Carolina, in its cooperative education program. In 1980 the college named the hospital as cooperating employer of the year and presented it with a plaque at an annual breakfast for employers sponsored by the college.

Students taking six quarter hours or more who have completed one quarter of study, or who are already employed in course-related jobs, are eligible to participate in the college's co-op program. Employers agree to supervise and evaluate the students. More than 300 students in 31 curriculums participate.

At the hospital, students in nursing and other health professions, plus students in electronic data processing, drafting, and plant maintenance, earn academic credit while they work. And the hospital has a source of additional help, as well as a pool of potential full-time employees for the future.

A Cooperative Education Employers Advisory Committee helps the college keep the

program running well for employers, college, and students.

Contact: Earl L. Aiken
Public Information Officer
Pitt Community College
Greenville, North Carolina 27834
Telephone No. (919-756-3130)

Missouri

Pioneer Community College — City, State, County, and Federal Governments

Pioneer Community College, one of the Metropolitan Community Colleges in Kansas City, works cooperatively with the Personnel Department of Jackson County to do all of the training for county employees. Space is provided by the county. Interviews are conducted with supervisors to determine needs before schedules are developed. Employees receive released time for training. Their departments pay the fees. Recruitment and advertising are handled by the County Personnel Department.

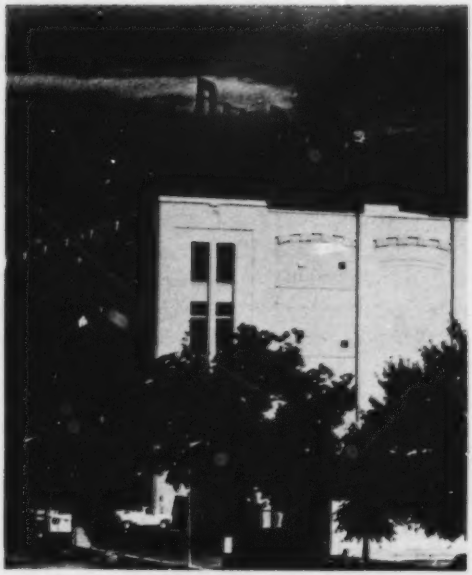
Classes also are held at the Federal Building. Federal employees receive release time

and have their fees paid by their agencies. Some classes are held before office hours and during lunch hours. The classes primarily deal with office management and office skills. Mini-classes that run for two weeks are a new addition. Classes are offered for credit and non-credit.

The City of Kansas City recently asked the college to teach basic reading, writing, and speaking skills to employees in several departments. Persons employed in public works, parks, transportation, water and pollution control participated.

Classes for government workers have been opened to business and industry. The college has designed courses for supervisors at the First National Bank, a customer relations program for a local utility company, and an arrangement has been developed with H & R Block that offers college credit to employees completing a basic income tax course.

Contact: Zelema M. Harris
President
Pioneer Community College
560 Westport Road
Kansas City, Missouri 64111
Telephone No. (816-753-4949)



Virginia

Danville Community College — Dan River, Inc.

Danville Community College is small. It has 150 employees and a $3 million payroll. But it found it could serve a large textile manufacturer, Dan River, Inc., with 14,500 employees and a payroll of $198 million.

Dan River needed front-line supervisors. So they responded quickly when the president of Danville Community College offered training services. Seventeen workers were recruited from the company's hourly wage ranks. The nine-month training program included classroom instruction at DCC and on-the-job training at Dan River. Experienced Dan River supervisors and college faculty conducted the training in human relations, communications, principles of supervision, and managerial psychology, plus daily assignments in the plant.

At the end of two years 71 workers had entered the program and 54 had completed training.

In 1980 Dan River maintenance managers, seeing the success of the above program, worked out a program to up-grade electricians in preparation for modernization of equipment. Fifty Dan River electricians entered a tailor-made program that will run two days a week for two years.

Workshops for Dan River's 500 middle managers are being developed now and are expected to continue for several years. All costs of the programs at Dan River are paid by the company. And all programs are for college credit.

After success with Dan River, the college developed an extensive in-service training

program for the local Goodyear Tire and Rubber Company Plant — another giant.

Contact: Max R. Glass
Director of Continuing Education
Danville Community College
1008 South Main Street
Danville, Virginia 24541
Telephone No. (804-797-3553)

Illinois

Lake Land College — Illinois Consolidated Telephone Company

Lake Land College asked for contributions from industries in its district to establish a Center for Business and Industry. Industry responded and the center was established. A director was employed in 1981. The center now operates several training programs, including a three-year effort to train executives of Illinois Consolidated Telephone Company.

More than 200 ICTC managers will participate in the program. They will come from an 18-county area served by the company. The program is designed to develop prob-

lem-solving and decision-making skills as well as understanding of leadership and motivation.

The seminars are conducted by a corporate trainer who is an expert in management development and who has 20 years experience as a line manager.

The cost of the sessions are paid for by the company and offered by the college as non-credit courses.

Training began with an executive management group. Future seminars will be held for first and second line management.

A spokesman said the training was essential for the company because of changing technology, government deregulation, increasing competition, and erratic economic conditions.

Contact: Becca Wakefield
Director, Center for Business and Industry
Lake Land College
South Route 45
Matoon, Illinois
Telephone No. (217-235-3131)

Wisconsin

Lakeshore Technical Institute — Kohler Company

Lakeshore Technical Institute has been working with the Kohler Company "Factory Service Schools" since 1980.

Intensive training has been provided to more than 50 distributor and dealer personnel from the United States, Canada, and England. Trainees work in Kohler engine maintenance, repair and sales.

Kohler service specialists and Lakeshore Techical Institute faculty provide the instruction. The LTI conference center, plus the institute's Motorcycle, Marine and Small Engine Mechanic program laboratory, are used for the training sessions.

Nine sessions have been scheduled for the 1981-82 academic year.

Contact: Steve Smith
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Lakeshore Technical Institute
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Mississippi

Meridian Junior College —Peavey Electronics Corporation

A basic woodworking course for 12 employees was set up by Meridian Junior College in 1979 for Peavey Electronics. Since then 15 other courses have been offered to Peavey employees, including blueprint reading, industrial psychology, and manufacturing theory. Training has been provided to about 500 employees, some at MJC and some at classrooms provided by Peavey.

Mississippi provides funds to the college for such programs through the Vocational-Technical Division of the State Department of Education. The legislature has appropriated training funds to assist businesses that are starting up, expanding, or upgrading.

Peavey, founded in 1966, is now the world's largest manufacturer of amplifiers. The company provides economic incentives to employees to take courses at Meridian Junior College. The courses match up with advancement requirements. College credit is given for some courses. The company handles recruitment through its in-house newsletter. Peavey pays tuition for the col-

lege courses. Employees pay for books and supplies.

The company has found that the courses not only help employees grow into advanced positions and management, but also help reduce employee turnover. Additional courses in manufacturing and management development are being explored by the company and the college.

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Meridian, Mississippi 39301
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Oregon

Portland Community College — Wacker Siltronic

The German-based Wacker Siltronic firm has built a $60 million manufacturing plant in Portland. Wacker agreed to hire its employees (with the exception of management and professional personnel) from a pool of unemployed Portland residents that would be selected by the city's Bureau of Human Resources and trained by Portland Community College.

Using CETA funds, the city selected persons from among unemployed residents and

provided math upgrading, self-awareness, and job readiness classes before training began in job skills. Equipment on loan from Wacker was installed at the college's Southeast Center for use in training.

Instructors were selected with close cooperation between the college and Wacker. The persons selected were flown to Germany to learn the company's silicon wafer production processes. When the Portland plant opened, instructors became Wacker supervisors. Knowing they would be supervising the persons they trained gave instructors an incentive to do their work well.

Operation manuals for the machinery and explanations of the processes were translated into English before PCC curriculum specialists wrote instructional materials for training. Trainees learned how to grow, etch, slice, inspect, clean, grind and lap silicon products. The first 460 production jobs at the new Wacker plant were filled by personnel trained through the Portland-Wacker agreement.

Wacker also has agreed to hire clerical personnel from CETA qualified applicants referred by the city. The printing industry has started discussions about a similar approach. The program with Wacker, which was a partnership between the city, the college, and Wacker, has the benefit of prepar-

ing unemployed local residents for permanent, private sector jobs.

Contact: Don Fiser
Director
Institute for Community Assistance
Portland Community College
12000 S.W. 49 Avenue
Portland, Oregon 97219

Illinois

Triton College — Society of Die Cast Engineers

Triton College has an agreement with the Society of Die Cast Engineers for the establishment of a national training facility.

The 7,200 square-foot Die Cast Center will house the society's national headquarters, a die casting laboratory, and classrooms. The building will be paid for by the society.

Triton will use the lab, its die casting equipment, and the classroom space for its die casting career program. The society will use the facility to conduct national continuing education programs for its members.

The Society of Die Cast Engineers is an international organization with over 3,000 members in the U.S., Canada, Mexico, Australia, Europe, and Japan. This cooperative venture allows the society to have sufficient facilities to hold training programs on a regular basis while providing Triton the opportunity to establish a die casting curriculum that would have been impossible because the cost of die casting equipment was prohibitive.

Contact: Brent Knight
President
Triton College
2000 Fifth Avenue
River Grove, Illinois 60171
Telephone No. (312-456-0300)

Additional examples of partnerships:

1. Oakland Community College has trained auto claims insurance adjusters for AAA. *Contact:* Marion Rice, provost, Auburn Hills Campus, Oakland Community College, Auburn Heights, Michigan 48057.

2. Clackamas Community College has trained power transmission technicians for

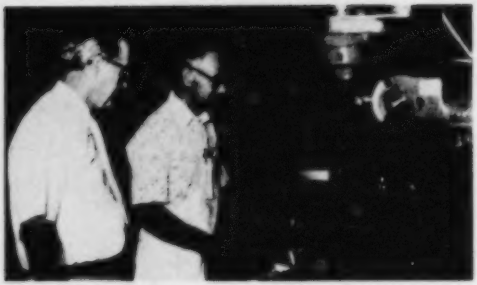
Bonnerville Power Authority. *Contact:* John Hakanason, president, Clackamas Community College, Oregon City, Oregon 97045.

3. Pima Community College has trained electronic assembly technicians for Burr Brown Electronic Research Corporation and a consortium of local electronic firms. *Contact:* Carl Webb, Pima Community College, Tucson, Arizona 85709.

4. Lane Community College has trained apprentices in 14 programs in cooperation with local unions including plumbers, millwrights, and sheet metal workers. *Contact:* Larry Murray, Lane Community College, Eugene, Oregon 97405.

5. Danville Area Community College has trained production line workers in compression molding for Anchor Hocking Corporation. *Contact:* Alan D. Johnson, assistant vice president for instruction, Danville Area Community College, Danville, Illinois 61832.

6. Robeson Technical Institute has trained workers in a wide variety of skills from fire fighting to management to welding at Acme Electronic Corporation. *Contact:* Wayne Newman, marketing director, Robeson Technical College, Lumberton, North Carolina 28358.



7. Umpqua Community College has trained industrial sewing workers for Pacific Trails. *Contact:* Larry Shipley, registrar, Umpqua Community College, Roseburg, Oregon 97470.

8. Corning Community College has trained foundry workers in metal casting and offers a pattern-maker apprenticeship program for Trinity Industries and other Chemug County foundries. *Contact:* Donald H. Hangen, president, Corning Community College, Corning, New York 14830.

9. Modesto Junior College has prepared energy consumer training manuals for Pacific Gas and Electric's training facility. *Contact:* Stan Hodges, division chairman, Modesto Junior College, Modesto, California 95350.

10. State Fair Community College has produced orientation and training video tapes

for local industries, such as Kelsey-Hayes, on topics like fork lift operation and chemical handling. *Contact:* Don Hatkin, dean, vocational-technical education, State Fair Community College, Sedalia, Missouri 65301.

11. Erie Community College has trained production employees for a Chevrolet plant. *Contact:* George Thomas, vice president for academic affairs, Erie Community College, Buffalo, New York 14221.

12. North Dakota State School of Science offers training to employees of local industries and the state penitentiary through a Mobile Training Program in semi-trailer trucks. *Contact:* John Larsen, program coordinator, North Dakota State School of Science, Wahpeton, North Dakota 58075.

13. North Shore Community College has trained machine operators for 12 local machine shops with assistance from the Massachusetts Bay State Skills Commission and the North Shore Economic Council. *Contact:* Roberta Stoller, Division of Continuing Education, North Shore Community College, Beverly, Massachusetts 01915.

14. Prairie State College has achieved a 344% increase in apprenticeship programs through its Industrial Program Development

and Placement Office at a time when economic conditions have caused reductions in apprentice students from unions and companies previously served. *Contact:* Bruce Leslie, vice president for administrative services, Prairie State College, Chicago Heights, Illinois 60411.

15. Dundalk Community College has trained workers for Bethlehem Steel in a variety of skills from rescue in confined spaces to word processing to management development for women and, in response to the company's needs, has developed a new degree program for electric maintenance technicians. *Contact:* John E. Ravekes, president, Dundalk Community College, Dundalk, Maryland 21222.

16. Bay de Noc Community College has trained workers for 54 local businesses in a wide range of occupations through its Contracting with Business and Industry Program. *Contact:* Chuck Gold, director of contracting with business and industry, Bay de Noc Community College, Escanaba, Michigan 49829.

17. Hudson Valley Community College has trained New York State Department of Social Services staff in management information services through the college's training

institute. *Contact:* Dominick M. Eannello, vice president for planning and public service, Hudson Valley Community College, Troy, New York 12180.

18. Odessa College has trained Spanish-speaking oil field workers in English as a second language in cooperation with Permian Basin oil industries. *Contact:* Gayle Noll, director of information services, Odessa College, Odessa, Texas 79760.

19. College of San Mateo has trained entry level and advanced electronic technicians for Ampex and other electronic firms using techniques such as learning stations at the work sites that are tied to the college by computer-phone links. *Contact:* Lois A. Callahan, president, College of San Mateo, San Mateo, California 94402.

20. John Wood Community College, in an interesting reversal of roles, purchases instruction for its broadcast electronics technology program from a training center established by the Harris Corporation. The arrangement fits the college's "common market" approach — contracting for educational services from institutions where the instructional services are available. *Contact:* Paul R. Heath, president, John Wood Community College, Quincy, Illinois 62301.

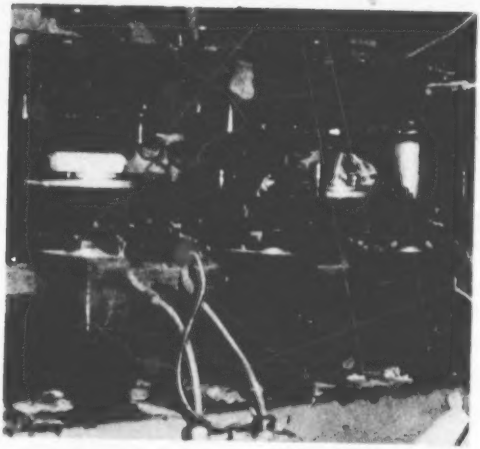


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Photo Credits

St. Louis Community College
Meridian Junior College
Lakeshore Technical Institute
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ERIC Clearinghouse for Junior Colleges
96 Powell Library Building
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Los Angeles, California 90024

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Proven Partners: Business, Labor, and Community Colleges

AACJC POCKET READER 2

TEACHING WRITING with the COMPUTER AS HELPER

"We have turned to the teaching professionals — the community colleges . . . this could become the largest and most mutually-productive alliance ever forged between a manufacturer and higher education."

— James G. Vorhes
Vice President,
Consumer Relations and Service
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"One of the features attracting individuals to this kind of postsecondary education, as distinct from the more traditional university programs, is the close ties that community colleges try to develop with business communities."

— *Tucson Daily Citizen*
Editorial on Governor Bruce Babbitt's proclamation of Community College Week in Arizona

"We had been searching for a permane
the Midwest and heard about Triton'
training. When I met Dr. Knig
like seeing a light co